

SAMSUNG ELECTRONICS LED Tube

GU12H5009R8IEU

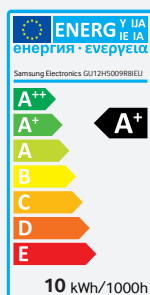
Performer Range

590mm / 9.2W / G13 / 160° / 5000K

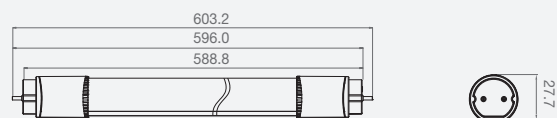


Product

Model name	GU12H5009R8IEU
Maker	Samsung Electronics
EAN Code	8806086251617
Voltage	AC 220~240V (50/60Hz)
Power Consumption	9.2W
Product	CCG Compatible / AC Direct LED Tube
Lamp Socket holder	G13



Dimensional drawing (unit : mm)



Customer Benefits

- More than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- The overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation
- Compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed
- Emits no UV

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting
(suitable for general lighting application)

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Specifications

Model name	GU12H5009R8IEU
Nominal luminous flux (lm)	1,100
Rated luminous flux (lm)	1,100
Frequency (Hz)	50/60
Input current (mA)	42
Nominal power consumption (W)	9.2
Rated power consumption (W)	9.2
Power factor	> 0.9
THD (%)	≤ 20
Lumen Maintenance Factor	L70
Warm-up time	Instant full light
Starting time (s)	0.1
On/Off cycles	50,000
Nominal beam angle (°)	> 160
Rated beam angle (°)	> 160
Operating temperature (°C)	-20~+50
Nominal lamp life time (hrs)	50,000
Rated lamp life time (hrs)	50,000
Color description	Cool White
Color temperature (K)	5000
CRI (Ra)	> 80
Diameter (mm)	Φ 27.7
Overall length (mm)	590
Weight (g)	120
Energy Efficiency Index	A+
Energy consumption (kWh/1000h)	10
Certification	CE

※ Specifications are subject to change without notice

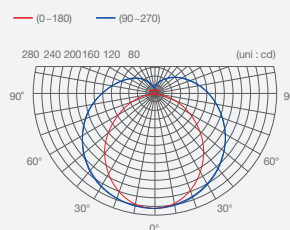
※ Energy consumption is calculated based on AC direct type

Ballast Compatibility

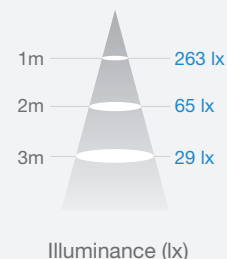
Model	Maker	Model Name
Performer 600mm	ABB	18-059 CF55
	Vossloh & Schwabe	LN18.220
		LN18.507
	TRIDONIC	EC 18 LC111K
	ABB	VVG 18-059 CF28
	Helvar	L18A-K

※ For CCG(magnetic ballast) type, Conventional Starter has to be changed with L-Tube Starter

Lighting Data



Light Distribution



Illuminance (lx)

Packaging Details

- Single Box (1pc) : 699mm x 34mm x 34mm / 172g
- Outer carton (20pc/box) : 704mm x 185mm x 152mm / 3.9kg